

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTTORNEY'S DOCKET NUMBER **GRY-134US** U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/523,707 -

INTERNATIONAL APPLICATION NO. PCT/FR03/50024		O4 August 2003 (04.08.2003)	PRIORITY DATE CLAIMED 05 August 2002 (05.08.2002)					
TITLE OF	TITLE OF INVENTION ROBUST DETECTION OF A REFERENCE IMAGE DURING MAJOR PHOTOMETRIC							
TRANSFORMATIONS APPLICANT(S) FOR DO/EO/US Sebastien Gilles et al.								
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.							
	- -							
	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.							
J	3. Lighthamped This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4.	1. The US has been elected (Article 31).							
5.	A copy of the International Application as filed (35 U.S.C. 371(c)(2))							
	a. is attached hereto (required only if not communicated by the International Bureau).							
<u>;</u>	b. has been communicated by the International Bureau.							
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).							
6. 🗆	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).							
	a. is attached hereto.							
_	b. has been previously submitted under 35 U.S.C. 154(d)(4).							
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
	a. are attached hereto (required only if not communicated by the International Bureau).							
	b. have been communicated by the International Bureau.							
	c. have not been made; however, the time limit for making such amendments has NOT expired.							
	d. have not been made and will not be made.							
8. 🗌	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
9. 🗸	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).							
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).							
Items	11 to 20 below concern document(s	or information included:						
11.	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.							
12. 🗌	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
13. 🗌	A preliminary amendment.							
14.	An Application Data Sheet under 37 CFR 1.76.							
15.	A substitute specification.							
16.	A power of attorney and/or change of address letter.							
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.							
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).							
19.	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).							
20. 🗸	Other items or information: Certificate of Express Mail; Response to Notice to File Missing Requirements; PTO-2038; return postcard							

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Page 1 of 2

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

-		APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.		PLICATION NO.	ATTORNEY'S DOCKET NUMBER			
	10.	10/523,707 PCT/FR03/50024		GRY-134US				
	The following fees have been submitted				CALCULATIONS	PTO USE ONLY		
	21. Basic natio	21. Basic national fee (37 CFR 1.492(a))\$300						
	If the written opinion pr	n fee (37 CFR 1.492(c)) epared by ISA/US or the Interna s all claims satisfy provisions of	\$0	\$				
	If the written opinion pr by IPEA/US indicate Search fee (37 CFR 1. an International Search International Search previously communications	e (37 CFR 1.492(b)) repared by ISA/US or the Intern is all claims satisfy provisions o 44(a)(2)) has been paid on the irching Authority eport prepared by an ISA other cated to the US by the IB	\$0 he USPTO as\$100 to the Office or\$400	\$				
				\$				
	Additional fee for s sequence listing of The fee is \$250 for	L OF 21, 22 and 23 = pecification and drawings filed i r computer program listing filed r each additional 50 sheets of p rra Sheets Number of each a thereof (round up						
	- 100 =	/50 =		x \$250	, \$ <u></u>			
	Surcharge of \$130.00 fo claimed priority date (37	r furnishing the oath or declarat	ion later than 30 months fro	m the earliest	\$			
	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE				
	Total claims	- 20 =		x \$ 50	\$			
	Independent claims	- 3 =	<u> </u>	x \$200	\$			
	MULTIPLE DEPENDE	NT CLAIM(S) (if applicable)		+ \$360	\$			
		· · · · · · · · · · · · · · · · · · ·	TOTAL OF ABOVE	CALCULATIONS =	\$			
	Applicant claims sr	mall entity status. See 37 CFR	1.27. Fees above are reduc	ed by 1/2.				
	-			SUBTOTAL =	\$			
	Processing fee of \$130 claimed priority date (3	.00 for furnishing the English tra 7 CFR 1.492(i)).	\$ 130					
			\$ 130					
		nclosed assignment (37 CFR 1. r sheet (37 CFR 3.28, 3.31). \$4	\$					
			TOTAL F	EES ENCLOSED =	\$ 130			
	3 Brants 00000101 19523707				Amount to be refunded:	\$		
01 FC#16.		\$30.00 CP			Amount to be charged:	\$ 130		
	a. A check in the amount of \$ to cover the above fees is enclosed.							
	b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.							
	c. The Commiss Account No.	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t Account No. <u>18-0350</u> . A duplicate copy of this sheet is enclosed.						
	d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should no be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.							
	SEND ALL CORRESPONDENCE TO:							
	Customer Number	NU						
	OR SIGNATURE SIGNATURE SIGNATURE Kenneth N. Nigon							
	Ratner Prestia, P	.O. Box 980, Valley Forge, PA	9011	<u> </u>				
	RatnerPrestia, P.	O. Box 1596, Wilmington, DE 1	NAME 31,549					
	Date : November 16, 2005 REGISTRAT				ON NUMBER			

JO04 Res'd SYT/PTO 14 NOV 2005

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Sebastien Gilles, et al.

Serial No.

Filing Date

Examiner

Group Art Unit

10/523,707

February 4, 2005

Not Yet Assigned

2612

Invention: ROBUST DETECTION OF A REFERENCE IMAGE DURING MAJOR PHOTOMETRIC TRANFORMATIONS

I hereby certify that the following correspondence:

Transmittal; Fee Transmittal; Formalities Letter; PTO-2038; Response to Notice to File Missing Requirements; Declaration and Power of Attorney

(Identify type of correspondence)

Is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to:

Mail Stop PCT,

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 16, 2005

Kathleen Libby

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

EV 723 658 259 US

("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing.

ZUP25854E57US





GRY134US PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No:

10/523,707

Applicant:

Sebastien Gilles February 4, 2005

Filed: Title:

ROBUST DETECTION OF A REFERENCE IMAGE DURING MAJOR

PHOTOMETRIC TRANFORMATIONS

TC/A.U.:

2612

Examiner:

Not Yet Assigned

RESPONSE TO NOTICE TO FILE MISSING REQUIREMENTS OF NON-PROVISIONAL APPLICATION

Mail Stop **PCT**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the Notice dated September 16, 2005, enclosed is the Declaration/Power of Attorney in compliance with 37 C.F.R. § 1.63. Also enclosed is a Credit Card Payment Form (PTO-2038) for \$130.00 to cover the required surcharge fee.

Respectfully submitted,

Kenneth N. Nigon, Reg. No. 31,549

Attorney(s) for Applicant(s)

KNN/jal

Enclosures: Declaration/Power of Attorney

Transmittal Form Fee Transmittal

Dated: November 16, 2005

P.O. Box 980

Valley Forge, PA 19482-0980

(610) 407-0700

EXPRESS MAIL

Mailing Label Number:

EV 723 658 259 US

Date of Deposit:

NOVEMBER 16, 2005

I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, y/x/2/2313-1450.

Kathleen Libby















JNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY. DOCKET NO.

10/523,707

Sebastien Gilles

GRY-134US

INTERNATIONAL APPLICATION NO.

PCT/FR03/50024

I.A. FILING DATE 08/04/2003

PRIORITY DATE 08/05/2002

23122 RATNERPRESTIA P O BOX 980 VALLEY FORGE, PA 19482-0980

RECEIVED SEP 2 1 2005 RatnerPrestia

CONFIRMATION NO. 8387 371 FORMALITIES LETTER

OC000000017035839*

Date Mailed: 09/16/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495). Missing Rea Du (2mo) 11-16-05

- Copy of the International Application filed on 02/04/2005
- Copy of the International Search Report filed on 02/04/2005
- Copy of IPE Report filed on 02/04/2005
- Preliminary Amendments filed on 02/04/2005
- Information Disclosure Statements filed on 02/04/2005
- Request for Immediate Examination filed on 02/04/2005
- Copy of references cited in ISR filed on 02/04/2005
- U.S. Basic National Fees filed on 02/04/2005
- Priority Documents filed on 02/04/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:







• \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

DEBORAH D WILLIAMS

Telephone: (703) 308-9140 EXT 205

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/523,707	PCT/FR03/50024	GRY-134US

FORM PCT/DO/EO/905 (371 Formalities Notice)